

Catalogue No: **800HC-FRXTQ10RA1**

PB 30.5mm FS MR HD 2P PPT ILL INC 120V 1NO 1NCLB RED

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Allen-Bradley
800T/800H Pushbuttons > 30.5 mm Pushbuttons > 2-Position Push-Pull and Push-Pull / Twist Release, Illuminated



**PB 30.5mm PLASTIC TWIST HD 40mm INCD RED 120V ACDC
1NCLB 1NO**

- 800T (metal) and 800H (plastic) 30.5 mm product lines are designed and constructed to perform in the most demanding industrial environments.
- Button caps made from thermoplastic polyester resin and deliver excellent resistance to corrosive agents and ensure color identification is never lost.
- Operator bushings are made from die cast zinc alloy giving strength and stability in installation.
- Riveted construction of the operator bushing, diaphragm seal and base plate, by four secure steel rivets, provides increased durability and tamper resistance.

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	800H
Component Type Pushbutton and Pilot Lights	Pushbutton
Operator Type	Pushbutton, Mushroom, 2-Position, Illuminated type
Diameter, Operator	41.3 mm
Colour, Operator	Red colour
Material, Operator	Plastic material
Details, Operator(s)	Incandescent Illumination
Material, Bezel	Glass-Filled Nylon / PA6 / PA66 (Polyamide 6)
Coupling Plate Included	No Y / N
Diameter, Mounting Hole(s)	30.5 mm
Contact Block Included	Yes
Contact Configuration	1 NO + 1 NCLB
In, Rated Current	10 A
Ie, Rated Operational Current, AC-15, 110-120V	6.5 A@110-120V
Ie, Rated Operational Current, AC-15, 240V	3 A@240V
Ie, Rated Operational Current, AC-15, 415V	1.7 A@415V
Ie, Rated Operational Current, DC-13, 125V	0.55 A@125V
Mounting	30.5mm Mounting
Terminal Type	Screw Terminal(s)
Tightening Torque, Min	0.68 Nm
Tightening Torque, Max	0.9 Nm
Operating Force	4.4 N
Pickup Voltage	24 V
Pickup Current	24 mA
Ith, Thermal Current, Open	10 A
Wire / Conductor Size (Min)	18 AWG (0.823 mm ²) min
Wire / Conductor Size (Max)	14 AWG (2.08 mm ²)
Dielectric Strength	2.2kV for 1 minute V AC

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Recommended Fuse Current Rating	10 A
Fuse Characteristic Type(s)	gL/gG
Illuminated	Yes Y / N
Lamp Module Included	Yes
Rated Frequency	50 / 60 Hz
Material, Body / Housing	Plastic material
Electrical Service Life at Un, In	1000000 cycles
Mechanical Service Life	250000 cycles
Operating Temperature, Max	55 °C max
Operating Temperature, Min	-40 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-40 °C min
Relative Humidity, Min	50 %RH
Relative Humidity, Max	95 %RH
IP Rating	IP2X IP65 IP66
Shock Acceleration (Max.)	100 g
Shock Duration (Max.)	11 ms
Vibration Acceleration (Max.)	10 m/s ²
Vibration Displacement (Peak to Peak Max.)	1.52 mm
Vibration Frequency, Operational (Max.)	2000 Hz
Standards Compliance	UL 508 CSA C22.2 No. 14 EN 60947-5-1 EN 60947-5-5 ISO 13850
Certifications	CE CSA UL CCC

REFERENCES

IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	800HCFRXTQ10RA1_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	800HCFRXTQ10RA1_Manufacturer Catalogue